



CITY OF HEREFORD

1952



Annual Report

of the

Medical Officer of
Health



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CITY OF HEREFORD

HEALTH COMMITTEE

Councillor A. E. FARR, Mayor.

Alderman R. C. MONKLEY, Chairman.

Councillor E. O. S. D'LONRA, Deputy Chairman.

Alderman T. LINDSEY PRICE.

Councillor Mrs. J. AINSLIE.

Councillor Mrs. V. G. BOLT.

Councillor Mrs. W. H. HIGGINBOTHAM.

Councillor G. W. RUSSELL.

Councillor H. C. WATKINS.

HOUSING ACTS COMMITTEE

Councillor A. E. FARR, Mayor.

Alderman G. F. C. HIGGINBOTHAM, Chairman.

Councillor Mrs. M. WALLIS, Deputy Chairman.

Councillor F. R. W. BLACKLER.

Councillor H. E. PILE.

Councillor Mrs. L. DOWNES.

Councillor G. W. RUSSELL.

Councillor C. J. GOODING.

Councillor H. C. WATKINS.

T. B. FELTHAM, Town Clerk.

CITY OF HEREFORD

1952

**GENERAL PROVISION OF HEALTH SERVICE
FOR THE AREA**

<i>Name and Qualifications</i>	<i>Office held</i>	<i>Whole or Part</i>	<i>Other Public Office</i>
R. T. THOMSON, M.A., M.B., Ch.B., D.P.H.	Medical Officer of Health	Part	Assistant County Medical Officer
F. G. D. CHALMERS, M.A., B.Sc., F.I.C.	City Public Analyst	Part	
J. LEACH, M.R.S.I., M.S.I.A.	Chief Sanitary Inspector	Whole	
D. C. JOYCE, Cert. R.S.I., M.S.I.A.	Additional Sanitary Inspector	Whole	
A. E. EAMES, M.R.S.I., M.S.I.A.	Additional Sanitary Inspector	Whole	
A. G. WELCH, Cert. R.S.I.	Additional Sanitary Inspector	Whole	
C. D. LOADER	Clerk	Whole	

*Public Health Department,
Town Hall Annexe.*

TO THE
**RIGHT WORSHIPFUL THE MAYOR, ALDERMEN
AND COUNCILLORS OF THE CITY OF HEREFORD**

Your Worship, Ladies and Gentlemen,

I have the honour to submit to you the Annual Report on the Health of the City for the year 1952, as required by the Sanitary Officers (Outside London) Regulations, 1935, on the lines laid down in the Ministry of Health Circular 42/51. It includes the report on sanitary matters by the Chief Sanitary Inspector.

Vital Statistics.

It is of interest to note that the slow, but steady increase in population continues and this in spite of a continued fall in the Birth Rate (15.89 per 1,000 of population, as against 16.14 in 1951—the National Birth Rate being 15.3).

The Death Rate was 12.25 per 1,000 of the resident population, a slight fall as compared with the rate for 1951 (12.93), but above the National Rate of 11.3

The Infant Mortality Rate was 36.36 per 1,000 live births, a fall compared with the 1951 figures (43.82) but above the National Rate of 27.6.

Deaths

It is noteworthy that of the 398 deaths (211 male, 187 female), 18 occurred before the age of 1 year, 326 over the age of 54, 264 over the age of 64, 171 over the age of 74, and 44 over the age of 84 (can this be taken as a commentary upon the healthy climate of Hereford?). As would be expected with this age distribution in the latter portion of the allotted span, 60 were attributable to malignant disease, and 210 to diseases of the heart and circulation (including apoplexy). On the other side of the picture only 2 were attributed to motor vehicle accidents and 6 to other accidents.

Of the 18 deaths occurring before the age of 1 year (12 males, 6 females), 12 occurred before the age of 1 month. Of the latter 10 were due to prematurity, congenital malformation, or injury during birth, and 2 to bronchitis or pneumonia, while of the remaining 6 dying before the first year of life 2 more were due to congenital malformations, and 4 to respiratory disease.

As relief to this sad picture no deaths were due to pregnancy or childbirth.

Housing

It reflects great credit that during the year 223 new dwellings were completed by the Local Authority, and 12 by other bodies or persons, within the City area, giving, with the 54 dwellings completed at Foxley, 289 additional dwellings available in or at the disposal of Hereford City. In all, 313 families were re-housed by the Housing Manager, in addition to an unknown number of houses which changed hands privately.

Against this must be set 2 houses demolished under Demolition Orders, 12 under Clearance Orders, and 5 portions of dwellings closed under Closing Orders, and as deferred debit 56 houses upon which Demolition or Clearance Orders await implementing.

On balance the number of habitable dwellings in the City has increased from 8,805 to 9,080 during 1952 (of which number 3,233 are owned or administered by Hereford City Council).

Water Supplies

Progress here has been in the direction of consolidation (*e.g.*, the extensive mains work to new estates, and the waste water detection scheme) and future planning (*e.g.*, the proposed modern intake scheme, and the consideration of alternative sources of power).

Sewage and Refuse Disposal.

1952 has been marked by the virtual completion and formal opening of the new Sewage Works, and the advance preparation for the much needed Northern Area Sewer and major alterations at the Destructor.

Caravan Sites

The year has seen Hereford's first Caravan Site which was, in the first instance, opened with accommodation for 20 caravans.

Meat Inspection

I should like to draw attention to the fact that your Meat Inspectors during the year examined 28,648 carcasses of which 718 carcasses had to be condemned in whole, and 5,592 in part (the remainder of these carcasses being found fit for human consumption). It should be noted that of that total of animals inspected 3,365 were sent in for emergency slaughter.

Health Education

In addition to talks, lectures, demonstrations, etc., held through the year I should like to remind you of the very successful Hygiene and Health Exhibition held in February for one week

with the generous support of the Ministries of Agriculture and Fisheries, and of Food, the Central Office of Information, and many exhibitors local and national.

An estimated attendance of 5,000 was achieved and much interest was aroused throughout the County and beyond.

In conclusion I should like to express my gratitude for the sympathy and consideration you have at all times given to matters laid before you.

I wish also to express my appreciation of the co-operation received from my colleagues (with special reference to the City Surveyor, to whom, as in previous years, I am indebted for the technical details regarding the waterworks, the sewage plant, and the public cleansing and refuse disposal arrangements) and for the loyalty, willingness, and enthusiasm of all members of my staff.

I have the honour to remain,

Your obedient servant,

ROBERT T. THOMSON, M.A., M.B., Ch.B., D.P.H.

SECTION A.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA

Area	5,031 acres
Registrar-General's Estimate of Resident Population, 1952 :—	
(a) For calculation of Birth-Rate ...	32,480
(b) For calculation of Death-Rate ...	32,480
Number of Inhabited Houses	9,080
Rateable Value	£277,570
Sum represented by a penny rate	£1,092

VITAL STATISTICS.

	<i>Males</i>	<i>Females</i>	<i>Total</i>
Live Births—Legitimate	227	235	462
Illegitimate	16	17	33
Still Births	14	7	21
Rate per 1,000 total (live and still) births			15.89
Death Rate per 1,000 of the estimated resident population			12.25
Death Rate of Infants under one year of age—			
All Infants per 1,000 live births			36.36
Legitimate Infants per 1,000 legitimate live births...			38.96
Illegitimate Infants per 1,000 illegitimate live births			Nil.

INFANTILE MORTALITY

18 Infants (12 males and 6 females) died before reaching the age of 12 months. Of these 12 (8 males and 4 females) died before reaching the age of one month. (For causes of death see table at end).

The Infantile Mortality Rate per 1,000 live births was 36.36, the rate for England and Wales being 27.6.

MATERNAL MORTALITY—Nil.

PUERPERAL MORBIDITY.—There were three cases of Puerperal Pyrexia.

(The Chief Sanitary Inspector's Report is incorporated in Sections B, C and D).

SECTION B.

SANITARY CIRCUMSTANCES IN THE AREA

WATER SUPPLY

The year has been a comparatively quiet one so far as the Broomy Hill Works are concerned and it has been largely a matter of consolidating the existing position and considering future plans for improvements, rather than any specific new works. The mechanical filtration plant has been brought to a maximum stage of efficiency by reason of improvements to the old battery of vertical filters and the new battery continues to work satisfactorily, indicating that the policy for the future can be one of a gradual replacement of the existing slow sand filters by mechanical pressure filters. Perhaps the most serious problem which has arisen has been the uncertainty, at times, of the supply of electricity and whilst it would be unfair to exaggerate this problem, it must be emphasised that a comparatively short disturbance of the supply has serious repercussions at the Broomy Hill works, where we are not in a position of having complete standby plant, nor can the plant which is available under such circumstances be brought into operation very quickly. The problems arising from this state of affairs are now under careful investigation, including the possibility of installing Diesel Generation in substitution for mains electricity.

It should also be mentioned that the Council have approved an expenditure of £22,500 for the provision of a more modern intake, and improvements between the river and the lower pumping station including the substitution of two electric pumps at the latter which were installed in 1914.

The future of the undertaking, apart from the need to effect improvements in existing units, will be considerably influenced by the report on the water supplies of Herefordshire, now being prepared by the Ministry of Housing and Local Government, and which it is anticipated will be issued early in the new year.

The year has seen considerable activity on the distribution side of the undertaking in respect of new council housing development, and a summary of the mains extensions which have been carried out is as follows :—

6" and 4" mains.	Newton Farm Estate.
6" and 3" mains.	Hundertton housing estate.
4" mains.	Hinton Court estate.
4" mains.	Lichfield Avenue.
4" mains.	Ross Road.
3" mains.	Putson estate.

Development of this kind has also involved the provision of a considerable number of new services and the maintenance work of the undertaking has been persistently pursued.

The hydrant conversion scheme, being undertaken in co-operation with the County Council, has resulted in 68 modern valve hydrants being substituted for existing ball hydrants.

The most significant feature of the year's working has probably been in a start being made in respect of an efficient waste water detection system. The Bartonsham and Whitecross areas have been thoroughly surveyed and 90 statutory notices have been served on premises where leaks have been detected. The reduction in consumption has been most marked, particularly in the Whitecross area and previous speculations as to the improvement which would result from the establishment of an adequate detection system are being more than confirmed.

BACTERIOLOGICAL EXAMINATIONS

CITY SUPPLY

Ninety-nine samples of the treated water were submitted for bacteriological examination.

Streptococci were absent from 10.0 ml. in all samples.

Coliform bacilli were absent from 100 ml. in all but 10 samples.

The reports on these samples are given below :—

<i>Sample No. Dated</i>	<i>Probable number of coliform bacilli, MacConkey 2 days 37°C. per 100 ml.</i>	<i>Approximate proportions of Faecal and Non-Faecal coli</i>	
		<i>Faecal coli per cent</i>	<i>Non-Faecal coli per cent</i>
1409/52 28th January, 1952	1	0	100
2147/52 11th February, 1952	1	100	0
2149/52 11th February, 1952	1	0	100
7457/52 5th May, 1952	5	0	100
7824/52 12th May, 1952	1	0	100
8678/52 26th May, 1952	3	100	0
13236/52 18th August, 1952	1	0	100
17704/52 3rd November, 1952	1	0	100
18915/52 24th November, 1952	8	12.5	87.5
19112/52 27th November, 1952	1	0	100

In all cases of unsatisfactory water samples, consultation with, and action by, the Waterworks Engineer resulted in the normal purity of the water being restored.

R.A.F. SUPPLY, CREDENHILL

Eleven check samples were taken throughout the year. Streptococci were absent in all eleven samples, but coliform bacilli were present in two samples. Subsequent samples proved satisfactory.

The result of a chemical analysis is given below :

pH value = 7.64.

					<i>Parts per</i>
CHEMICAL ANALYSIS					100,000
Free and Saline Ammonia	...	...	...	...	0.0002
Albuminoid Ammonia	...	...	...	...	0.0096
Chlorine in Chlorides	...	...	...	...	1.3
Nitrogen in Nitrates and Nitrites	...	...	...	...	Trace
Oxygen absorbed from permanganate at 80°F. in					
4 hours	...	...	...	...	0.291
Total Solids dried at 100°C.	...	...	...	...	12
Nitrite	...	...	...	...	Absent
Appearance	...				Slightly turbid, few small particles

The above results show that this water is chemically of satisfactory quality, and suitable for use as a public supply.

(Signed) BOSTOCK HILL AND RIGBY,
Public Analysts.

All premises in the City, with the exception of 7 houses supplied from wells, receive the supply direct from the Corporation water mains.

PUBLIC BATHS

The water in the swimming pool is filtered and chlorinated. As a routine, samples of the water are sent for bacteriological examination monthly. Streptococci were absent in all ten samples, but coliform bacilli were present in two samples. Contact was made with the Baths Superintendent and subsequent samples proved satisfactory.

SEWERAGE AND SEWAGE DISPOSAL

Apart from a short length in Holmer Road, the only new sewers which have been laid have been on housing sites.

As regards the existing sewerage system, a programme of sewer dragging, and improvement of storm water overflows has been completed.

During the year, the scheme for the proposed Northern Area Sewer has been prepared, and preliminary discussions have taken place with technical officers of the Ministry of Housing and Local Government. The total scheme is estimated to cost approximately £270,000 and plans are being prepared for a start to be made as soon as possible on the first section from the Sewage Works

to a point where the Old Eign Sewer can be temporarily intercepted.

The new Sewage Disposal Works were opened by Her Majesty's Lord Lieutenant for Herefordshire on the 17th October, 1952, and whilst the important feature of the installation of the recirculation pumping plant still awaits completion, the final effluent has shown a marked improvement since the operation of the biological filters and the humus tanks.

CLOSET ACCOMMODATION

Particulars of types and usage of Sanitary Conveniences at dwellings and other premises :—

Number of dwellings using pail closets	...	...	51
Number of other premises using pail closets	...	...	6
Number of dwellings with one W.C. to two houses			134
Number of dwellings with one W.C. to three or more houses	...	...	61

The premises using the conservancy system are not served by the City sewerage system.

All other premises in the City are provided with water closets and in the case of dwellings have separate use of a convenience.

In the main the houses having common conveniences are old properties and may be subject to action under the Housing Acts.

There are no waste water closets in the City.

PUBLIC CLEANSING AND SALVAGE

In respect of the collection and disposal of refuse there are no major changes to report. The contract for the major alterations at the Destructor has not yet been started but it is confidently anticipated that this work will be completed during 1953. The incidental improvements which this scheme will have, on the disposal arrangements in particular, should be most marked and there is every reason to suppose that the new disposal arrangements will facilitate the collecting procedure.

The Kitchen Waste Concentrator plant has given complete satisfaction during the year and the final results have been most encouraging. It is again necessary to report that our only difficulty has been in obtaining sufficient supplies of raw materials to satisfy all our existing and potential customers.

The extension of the individual collecting buckets scheme has been quietly pursued and we now have over 400 of such containers available in certain areas in the City.

Unfortunately, the position with waste paper has completely changed to the detriment of the financial return. The need for some stability in this local authorities' activity is apparent, as the present sudden and substantial variation in price is neither good for the authorities who are trying to operate a collecting system, nor for the waste paper trade generally.

HOUSING

The number of dwelling units completed during 1952 has comprised 277 by the Local Authority (including 54 at Foxley and 9 at Red Hill), and 12 by private enterprise.

SANITARY INSPECTION OF THE AREA

The number and nature of inspections made during the year :

Nuisances (including inspections of drainage sewers, sanitary conveniences and dustbins) ...	963
National Assistance Act	15
Housing—	
General	119
Requisitioning of Properties	—
Caravan Sites	139
Infectious Disease	122
Factories Act	256
Outworkers	12
Food Preparing Places, including Bakehouses ...	753
Unsound Food	196
Ice Cream Premises	151
Dairies, Cowsheds and Milk Shops	94
Milk (Special Designations) Orders	127
Public Slaughterhouse	688
Offensive Trades	8
Public Conveniences	149
Cinemas and Licensed Premises	114
Verminous Houses	15
Smoke Observations	24
Shops Act	213
Water Supplies, Sampling	150
Pest Control	459
Food and Drugs Act (Sampling)	143
Petroleum and Explosives Acts	247
Rivers Pollution	20
Merchandise Marks Act	42
Rag Flocks, etc., Act	4
Miscellaneous	448
Pet Animals Act	18
Total	<hr/> 5,689 <hr/>

The following table shows the number of notices served and complied with :—

NOTICES SERVED

<i>Statute</i>	<i>Notices not complied with at end of 1951</i>	<i>Notices served during 1952</i>		<i>Complied with during 1952</i>	<i>Notices not com- plied with at end of 1952</i>
		<i>Statutory</i>	<i>Informal</i>		
Public Health Act ...	20	29	167	200	16
Factories Act ...	3	35	—	30	8
Shops Act ...	3	—	33	33	3
Hereford Corp. Act...	—	10	15	25	—
Food and Drugs Act	22	—	117	125	14
Milk and Dairies Order	—	—	16	16	—
	48	74	348	429	41
		422			

NUISANCES AND DEFECTS FOUND

HEREFORD CORPORATION ACT, 1936

Choked Drains 25

PUBLIC HEALTH ACT, 1936

Public Sewers stopped up 8
 Drainage defects 22
 Defects to Sanitary Conveniences 31
 Other Nuisances 13
 Lack of proper Dustbins 219
 Housing defects 110

FOOD AND DRUGS ACT, 1938

Contraventions of Section 13 and Byelaws ... 150
 Ice Cream (Heat Treatment etc.) Regulations
 1947 1

MILK AND DAIRIES REGULATIONS, 1949

Disrepair and unsatisfactory transport ... 16

FACORIES ACT, 1937

Contraventions of Part I 51

SHOPS ACT, 1950

Contraventions of Section 38 18

Statutory Forms not exhibited 19

PUBLIC CONVENIENCES

All public conveniences in the City are controlled by the Health Committee. During the year the conveniences at the rear of the Ritz Cinema have been taken over (on lease) by the Corporation. Generally, the conveniences have been kept in a reasonably good state of repair and cleanliness.

FACORIES ACT

1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.

<i>Premises</i> (1)	<i>Number on Register</i> (2)	<i>Number of</i>		
		<i>Inspections</i> (3)	<i>Written Notices</i> (4)	<i>Occupiers Prosecuted</i> (5)
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	57	39	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	239	214	35	1
(iii) Other Premises in which Section 7 is enforced by the Local Authority (excluding out-workers' premises) ...	8	10	2	—
Total ...	304	263	37	1

2.—DEFECTS FOUND.

Particulars (1)	Found (2)	Remedied (3)	Number of Defects		Prosecu- tions (6)
			Referred		
			by H.M. Inspector (4)	to H.M. Inspector (5)	
Want of Cleanliness (S.1) ...	—	—	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable Temperature (S.3) ...	—	—	—	—	—
Inadequate Ventilation (S.4)	—	—	—	—	—
Ineffective Drainage of Floors (S.6) ...	—	—	—	—	—
Sanitary Conveniences (S.7)					
Insufficient ...	7	3	—	—	1
Unsuitable or Defective	30	29	—	4	—
Not Separate for Sexes	2	2	—	—	—
Other Offences ...	—	—	1	—	—
Total ...	39	34	1	4	1

3.—OUTWORKS PREMISES.

Number of Visits	...	...	12
Number of Notices	...	...	Nil

SHOPS ACT

SANITARY PROVISIONS

DEFECTS AND NUISANCES	Found	Remedied
Insufficient Ventilation ...	3	3
Unreasonably low temperature ...	—	—
Defective sanitary conveniences ...	12	11
Insufficient lighting ...	—	—
Lack of washing facilities ...	1	—
Insufficient sanitary conveniences ...	2	4
Total ...	18	18

OTHER PROVISIONS

A check on early closing and employment of young persons has been carried out and 19 notices relating to non-compliance with these requirements of the Act have been served.
In all 213 inspections were made.

OFFENSIVE TRADES

Number recorded in the City—

Fellmongers	...	...	...	...	2
Gut Scrapers	...	...	...	...	1
Rag and Bone Dealers	...	...	...	...	1
Number of Inspections	...	...	...	...	8
Nuisances found	...	...	...	...	1
Nuisances abated	...	...	...	...	1

THE RAG FLOCK AND OTHER FILLING MATERIALS ACT

There are no premises in the City either registered or licensed for the manufacture, use or storage of such materials within the terms of the Act.

Two samples taken during the year were reported by the prescribed Analyst to comply with Regulations relating to standards of cleanliness for such materials.

CAMPING GROUNDS

CARAVAN SITES

Caravan sites and camping grounds are governed by the Public Health Act, 1936, by the Hereford Corporation Act, 1936, by the Town Planning Act, 1947 and by Byelaws made under the two former Acts.

The Public Health Act and Byelaws control the sanitary provisions, water supply and infectious diseases. The Hereford Corporation Act and Byelaws define camping grounds and give power to license such sites within prescribed areas in the City, and to apply conditions of licence where granted. The Town Planning Act deals with the siting of caravans and general amenities.

During the year one camping ground to accommodate 20 caravans has been licensed. The Conditions of Licence were complied with.

In addition to the Camping Ground 47 Caravans are sited in different parts of the City.

Number of visits and inspections	...	...	...	139
Contraventions of Byelaws	...	...	...	Nil

PREVENTION OF DAMAGE BY PESTS ACT, 1949

RODENT CONTROL

RECORD OF THE DEPARTMENT'S ACTIVITIES DURING THE YEAR

	<i>Type of Property</i>				
	<i>Local Authority</i>	<i>Dwelling Houses</i>	<i>Agricultural</i>	<i>All other (including Business and Industrial)</i>	<i>Total</i>
(1) Total number of properties in Local Authority's District	71	9,080	19	1,250	10,410
(2) Number of properties inspected by the Local Authority during 1952 as a result (a) of notification, or (b) otherwise	(a) 12	128	—	58	198
	(b) 7	361	9	129	506
(3) Number of properties (under (2)) found to be infested by rats ...	Major 1	—	—	—	1
	Minor 17	327	7	142	493
(4) Number of properties (under (2)) found to be seriously infested by mice	1	7	—	2	10
5) Number of infested properties (under (3) and (4)) treated by the Local Authority ...	19	334	—	144	497

From the above table it will be seen that 3.56% of all dwellings and 11.5% of all business and industrial premises in the City were treated for infestations of rats or mice. Of agricultural properties (including piggeries) 36.8% were found to be infested.

It will be noted also that only one major rat infestation was found, the remainder being very slight.

In addition to the above work the City sewers were treated twice during the year. Recordings of sewer treatments show that the infestations are very small.

A new technique for rodent control is now being used with marked success. It includes the use of baits which are readily acceptable to rats and mice. The method is particularly suitable for use in all types of premises.

PESTS CONTROL

In addition to the service for rats and mice destruction the Department operates a service for the control of insect pests. Advice is given on methods to eradicate most known insects found in and about dwellings and other premises. Where requested, destruction of such pests is undertaken by the Health Department at agreed charges.

SECTION C

HOUSING

NEW HOUSES

Number of new dwellings completed during the year :

By the Local Authority	...	...	...	277*
By other bodies or persons	...	...	...	12

INSPECTION OF DWELLING HOUSES DURING THE YEAR

(1) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts)	...	...	...	...	52
Number of inspections made for the purpose					219
(2) Number of dwelling houses (included under sub-head 1) which were inspected and recorded under the Housing Consolidated Regulations, 1925, and 1932	...	...	...	...	10
Number of inspections made for the purpose					53
(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation	...	...	...	...	10
(4) Number of dwelling houses (exclusive of those referred to under 3) found not to be in all respects reasonably fit for human habitation	...	...	...	...	42

REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers	36
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ACTION UNDER STATUTORY POWERS DURING THE YEAR

Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which notices were served requiring repairs	—
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(2) Number of dwelling houses which were rendered fit after service of formal notices:—	
By owners	—
By Local Authority in default of owners	—

Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects remedied	—
(2) Number of dwelling houses in which defects were remedied after service of formal notice : By owners	—

Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which Demolition Orders were made ...	5
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	2

Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	5
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	—

In addition to the above :

Number of houses closed on an undertaking of the owner under Section 11	—
Number of houses awaiting demolition under Demolition Orders	26
Number of houses demolished under Clearance Orders	12
Number of houses awaiting demolition under confirmed Clearance Order ...	25

313 families were rehoused by the Housing Manager during the year. In many cases overcrowding was relieved.

CLEARANCE AREAS

No action has been taken under Section 25, Housing Act, 1936, during the year.

*Including 54 at Foxley, in the Weobley Rural District.

SECTION D

INSPECTION AND SUPERVISION OF FOOD**MILK SUPPLY**

Number of Dairy Farms in the City	...	...	12
Number of Milk Distributors	...	...	40
(a) Resident in the City	...	...	28
(b) Non-Resident in the City	...	...	12

SPECIAL DESIGNATIONS

Number of Retailers of Tuberculin Tested Milk	9
Number of Retailers of "Channel Islands" Milk	4
Number of Pasteurising Plants operating in the City	1
Number of Retailers of Pasteurised Milk	8
Number of Retailers of T.T. (Pasteurised) Milk	4

**PARTICULARS OF DESIGNATED MILK SAMPLING AND TESTING
DURING THE YEAR**

<i>Class of Milk</i>	<i>No. of Samples Tested</i>	<i>Appropriate Tests</i>	<i>No. of Samples</i>	
			<i>Passed</i>	<i>Failed</i>
Pasteurised	46	Phosphatase	45	1
		Methylene Blue	43	*
Tuberculin Tested (Pasteurised)	19	Phosphatase	17	2
		Methylene Blue	18	*
Tuberculin Tested	22	Methylene Blue	20	2

*On 3 samples of Pasteurised Milk and 1 sample of T.T. (Pasteurised) Milk the Methylene Blue tests were invalid due to high atmospheric shade temperature.

All cases of failure to pass the Phosphatase or Methylene Blue tests are reported to the Area Milk Officer of the Ministry of Food in accordance with a statutory requirement.

BIOLOGICAL EXAMINATION OF MILK

Twenty samples were submitted to the Clinical Research Association Ltd. for biological tests for the presence of Tubercle Bacilli. Nineteen of the samples were reported negative and one sample positive to such infection.

Particulars of the positive sample were reported to the County Medical Officer of Health and to the Ministry of Agriculture and Fisheries Animal Health Division, Hereford.

In the time between taking the positive sample and receiving the Bacteriologists' report the producer of the milk had sent two cows to the Market, both of which were slaughtered at the City Abattoir and condemned by the Meat Inspector for generalised tuberculosis.

During the period of investigation by the Ministry of Agriculture and Fisheries all milk from the farm in question was pasteurised.

ICE CREAM

SUPERVISION AND CONTROL OF THE MANUFACTURE AND SALE OF ICE CREAM

HEREFORD CORPORATION ACT, 1936

The following table shows the number of manufacturers and purveyors registered with the Local Authority under the provisions of Section 104 of the Hereford Corporation Act, 1936. Comparative figures are for 1950, 1951 and 1952.

TABLE A

	<i>Class of Mix</i>	<i>No. Registered</i>		
		1950	1951	1952
Manufacturers	Heat Treated	8	8	8
	Cold	4	3	2
Retail Purveyors	Heat Treated	63	69	77
	Cold	4	3	2

Applications for the transfer of registration were approved in 4 cases and 7 other vendors were registered.

18 vendors obtain their supplies locally, while 61 sell ice cream obtained from eight sources outside the City.

ANALYSIS OF RESULTS OF SAMPLES TAKEN DURING 1952

BACTERIOLOGICAL ANALYSIS

71 samples were submitted for bacteriological examination at the Public Health Laboratory at the County Hospital. These were subjected to the methylene Blue Reduction Test and graded accordingly.

Samples placed in Grades 1 and 2 are deemed satisfactory ; those in Grades 3 and 4 unsatisfactory.

TABLE B

RESULTS OF ALL SAMPLES TAKEN IN THE CITY

Type of Mix	Provisional Grade				Total
	1	2	3	4	
Heat Treated	40 (64.52%)	15 (24.19%)	4 (6.45%)	3 (4.84%)	62
Cold	8 (88.88%)	—	1 (11.12%)	—	9
Total	48 (67.60%)	15 (21.13%)	5 (7.04%)	3 (4.23%)	71
	63 (88.73%)		8 (11.27%)		

TABLE C

ANALYSIS OF RESULTS OF SAMPLES OF ICE CREAM MANUFACTURED WITHIN THE CITY

Type of Mix	Provisional Grade				Total
	1	2	3	4	
Heat Treated	26 (65%)	7 (17.5%)	4 (10%)	3 (7.5%)	40
Cold	8 (88.80%)	—	1 (11.20%)	—	9
Total	34 (69.4%)	7 (14.3%)	5 (10.2%)	3 (6.1%)	49
	41 (83.7%)		8 (16.3%)		

TABLE D

ANALYSIS OF RESULTS OF SAMPLES OF ICE CREAM RETAILED IN BUT MANUFACTURED OUTSIDE THE CITY

Type of Mix	Provisional Grade				Total
	1	2	3	4	
Heat Treated	14 (63.6%)	8 (36.4%)	—	—	22
Cold	—	—	—	—	0
Total	14 (63.6%)	8 (36.4%)	—	—	51
	22 (100%)		—		

TABLE E
COMPARATIVE RESULTS OF ALL SAMPLES FOR THE LAST THREE YEARS

<i>Year</i>	<i>Provisional Grades</i>	
	<i>1 and 2 Satisfactory</i>	<i>3 and 4 Unsatisfactory</i>
1950	81.2%	18.8%
1951	84%	16%
1952	88.73%	11.27%

It will be noted that all the samples from manufacturers outside the City were satisfactory.

In the cases of the eight unsatisfactory samples from local manufacturers special investigation of the causes were carried out. Careless handling and incomplete sterilisation of equipment were found to be the causes of failure to comply with prescribed standards.

HYGIENE IN RESTAURANTS, HOTEL KITCHENS AND LICENSED PREMISES

As a result of the complete survey of these premises in 1950 much work has been done in following up the report and getting our recommendations into practice.

During the year 753 inspections of food premises were made and 117 notices drawing attention to contraventions of Section 13 of the Food and Drugs Act, 1938, were issued.

Also 114 visits were made to cinemas and licensed premises in connection with general hygiene.

MEAT AND OTHER FOODS

Number of butchers' shops in the City	...	38
Number of Preserved Food preparing premises registered under Private Act	... ..	35
Number of fish-fryers' premises in the City	...	12

There are no private slaughterhouses in the City and the Public Abattoir is occupied by the Ministry of Food. The provisions of the Slaughter of Animals Act, 1933, are strictly enforced.

FOOD TRANSPORT

The transport of food is controlled by the City Bye-law and the Public Health (Meat) Regulations, 1924. Constant supervision of vehicles was maintained.

INSPECTION OF MEAT AND OTHER FOODS

The following table sets out the number of carcasses inspected, together with particulars of carcasses and parts thereof condemned for Tuberculosis and other conditions at the City Abattoir, Stonebow Road.

	<i>Beeves</i>	<i>Calves</i>	<i>Sheep and Lambs</i>	<i>Pigs</i>
Number killed	4,772	2,648	15,456	5,650
Number Inspected	4,774	2,652	15,573	5,686
<i>All Diseases except Tuberculosis—</i>				
Whole Carcasses condemned ...	111	133	340	87
Carcasses of which some part or organ was condemned ...	2,041	56	2,302	595
Percentage of the number inspected affected with disease other than Tuberculosis	45.08	7.13	16.96	11.99
<i>Tuberculosis only—</i>				
Whole carcasses condemned ...	44	2	—	1
Carcasses of which some part or organ was condemned ...	399	3	—	196
Percentage of the number inspected affected with Tuberculosis	9.27	0.18	—	3.46

The total number of carcasses examined during the year was 28,648. This is an increase of 3,805 on 1951, and 5,738 on 1950 figures.

EMERGENCY SLAUGHTER OF ANIMALS

Included in the above numbers of animals inspected are those of animals sent in for emergency slaughter :—

<i>Beeves</i>	<i>Calves</i>	<i>Sheep</i>	<i>Pigs</i>	<i>Total</i>
491	446	1,582	846	3,365

Comparative figures of animals from this source examined in 1951 and 1950 show an increase of 258 and 546 respectively.

WEIGHT OF DISEASED AND UNSOUND MEAT AND OFFAL CON- DEMNED :

				<i>Tons</i>	<i>cwts.</i>	<i>Qrs.</i>	<i>lbs.</i>
Home-killed—Meat	...	...	...	55	1	0	6½
Offal	...	...	...	30	14	2	0
Imported Meat	...	...	...	0	2	1	14
				—	—	—	—
		Total	...	85	17	3	20½
				—	—	—	—

The whole of this meat was disposed of through Ministry of Food channels for processing and recovery purposes.

AREAS SUPPLIED WITH MEAT

The whole population served by the City Abattoir is approximately 93,000.

In addition to the City, the following County Districts are supplied with meat :—Hereford, Bromyard, Dore and Bredwardine, Ledbury, Ross-on-Wye.

TUBERCULOSIS ORDER, 1938

Five animals were notified and examined under this order during the year. In all cases the lesions were generalised and the carcasses and organs condemned.

NOTIFICATION OF TUBERCULOSIS IN CALVES

Two calves slaughtered at the City Abattoir were found on examination to be affected with Tuberculosis in a generalised form and were reported to the Animal Health Division of the Ministry of Agriculture and Fisheries. In one case the infection was congenital. The dam of the calf was traced and inspected under the Tuberculosis Order, 1938. It was found to be affected with Tuberculosis in a generalised form.

IMPORTED MEAT

During the year the following quantities of imported meat were received at the City Abattoir by the Midland Wholesale Meat Supply Association Ltd. for distribution to the retail and manufacturing trades :—

Ration Quality. 677 Quarters of Beef
 5,107 Sheep
 13,036 Lambs
 235 Pigs

Manufacturing Meat. 678 packages
 (approx. 6,000 lbs.)

OTHER FOODS INSPECTED AND SURRENDERED

	<i>tons cwt.s. qrs. lbs.</i>				<i>tons cwt.s. qrs. lbs.</i>		
Canned Meat ...	13	3	6 $\frac{3}{4}$	Dried Fruit ...	4	1	22 $\frac{1}{4}$
„ Fish ...		1	19 $\frac{1}{2}$	Fish and Meat Paste		1	26 $\frac{1}{4}$
„ Milk ...	1	0	23 $\frac{3}{4}$	Fresh Fruit ...	2	0	8 $\frac{1}{2}$
„ Fruit ...	9	3	24 $\frac{1}{4}$	Flour Confectionery	3	0	11
„ Vegetables	7	1	12	Vegetables ...		1	10
„ Soup ...		3	15	Pickles and Sauces	1	0	1 $\frac{1}{2}$
Meat Products ...	1	2	23	Cereals ...		1	2 $\frac{3}{4}$
Wet Fish ...	4	0	14 $\frac{1}{4}$	Sugar ...		2	1
Cured Fish ...	1	3	4 $\frac{1}{4}$	Cheese ...			20 $\frac{1}{2}$
Shellfish ...	1	1	26 $\frac{1}{2}$	Jellies and Gelatine	1	2	26
Jam and Syrup ...	1	1	1 $\frac{3}{4}$	Coconuts ...	1	1	22
Biscuits ...	5	0	3 $\frac{1}{2}$	Rabbits ...	2	3	0
Fruit Pulp ...			13 $\frac{1}{4}$	Miscellaneous ...		1	10 $\frac{3}{4}$
				Total ...	3	7	3 14 $\frac{1}{4}$

ANALYSIS OF CAUSES OF CONDEMNATION OF CARCASSES, 1952

<i>Disease</i>	<i>Beef</i>	<i>Calves</i>	<i>Sheep</i>	<i>Pigs</i>	<i>Total</i>
Anaemia ...	1	—	6	—	7
Anthrax ...	1	—	—	*2	3
Bruising (Extensive and Severe)	2	1	12	6	21
Decomposition ...	3	1	12	—	16
Emaciation ...	—	—	13	1	14
Erysipelas (Acute)	—	—	—	10	10
Fever ...	6	7	5	6	24
Hydraenia ...	—	—	4	—	4
Immaturity ...	—	55	—	—	55
Intistial Myositis (Generalised)	—	2	—	—	2
Jaundice ...	4	5	4	2	15
Johnes with Emaciation	9	—	—	—	9
Mastitis (Acute Septic) ...	2	—	2	—	4
Metritus (Acute Septic)	6	—	—	1	7
Moribund ...	3	5	98	10	116
Abnormal Odour ...	—	—	1	1	2
Oedema (Generalised) ...	33	26	72	19	150
Oedema with Emaciation	12	10	61	3	86
Pericarditis (Acute Septic)	8	2	—	—	10
Peritonitis (Acute Septic)	5	3	13	7	28
Pleurisy (Acute Septic)	2	3	12	8	25
Pneumonia (Acute Septic)	2	2	6	2	12
Pyæmia (including Joint Ill)	—	6	11	3	20
Pyelo-Nephritis (Bilateral)	4	—	—	2	6
Septicaemia or Toxaemia	8	5	6	4	23
Tuberculosis (General) ...	44	2	—	1	47
Tumors (Multiple) ...	—	—	2	—	2
	155	135	340	88	718

Cysticercus Bovis (Dispatched to Birmingham), 8 Bovine Carcasses (.16%).

* Anthrax (1 Anthrax Contamination).

RECORD OF INSPECTIONS

Meat Inspections at Abattoir	...	...	...	688
Inspections of other Food	...	...	...	196
Inspections of Food Preparation Premises, etc., including Bakehouses	...	...	...	753
Inspections of Dairies and Cowsheds	...	...	...	94

CLEAN FOOD CAMPAIGN

The Public Health Committee staged a Health and Hygiene Exhibition during the week 26th February to 1st March, 1952. The effort had the full support of the Ministry of Agriculture and Fisheries (Pest Control Division), the Ministry of Food, and the Central Office of Information.

The Exhibition was opened by Councillor Mrs. J. Ainslie as Chairman of the Public Health Committee in the presence of the Mayor and Mayoress, Alderman G. F. C. Higginbotham and Mrs. Higginbotham.

Mr. Morley Parry, of the Ministry of Food, replied to the Chairman on behalf of the Ministries and wished the show every success.

It was estimated that 5,000 people visited the Exhibition.

FOOD AND DRUGS ACT, 1938

SAMPLING OFFICER'S REPORT, 1952

The following table shows the number and nature of the articles submitted to the Public Analyst during the year, and the results of the analysis :—

<i>Article</i>	<i>No. Submitted</i>		<i>No. Genuine</i>		<i>No. Unsatisfactory</i>	
	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>
Milk	23	—	20	—	3	—
Channel Islands Milk	10	—	7	—	3	—
Ice Cream	9	—	7	—	2	—
Spices	—	6	—	6	—	—
Health Salts	—	4	—	4	—	—
Farm Butter	1	—	1	—	—	—
National Butter	1	—	1	—	—	—
Fruit Squashes	6	—	6	—	—	—
Saccharin	—	6	—	6	—	—
Glucose Tablets	1	2	—	1	1	1
Cough Mixtures	3	4	—	1	3	3
Canned Fruits	—	3	—	3	—	—
Coffee Mixtures	—	4	—	4	—	—
Creamy Milk Jelly	—	1	—	1	—	—
Cheese Straws	—	1	—	1	—	—
Digestive Tablets	—	1	—	1	—	—
	54	32	42	28	12	4
	86		70		16	

OBSERVATIONS

<i>No. of Sample</i>	<i>Article</i>	<i>Offence</i>	<i>Action taken</i>
34	Milk.	Deficient of 16% fat.	Warning letter to vendor.
49 & 52	Milk.	Deficiency in solids not fat.	None ; no evidence of added water.
46	Channel Islands Milk.	Deficiency in solids not fat and fat.	Sample sour when analysed; repeat sample genuine.
51 & 53	Channel Islands Milk.	Deficiency in solids not fat.	Samples sour when analysed ; repeat samples genuine.
35	Ice Cream.	Deficient of 45% sugar.	} Contact with manufacturers; repeat sample genuine. Formal sample taken.
46	Ice Cream.	Deficient of 8% sugar.	
62	Glucose Tablets.	Deficient of 16.2% Citric Acid.	
64	Glucose Tablets.	Unsatisfactory label.	Referred to Ministry of Food, Food Standards and Labelling Division.
69, 71 & 72	Cough Mix- tures.	Unsatisfactory labels.	Formal samples taken.
88	Cough Mix- ture.	Deficient of 79% Sp. Aether Nitros.	Warning letter to vendor.
88, 89 & 90	Cough Mix- tures.	Unsatisfactory labels.	Referred to Ministry of Food, Food Standards and Labelling Division.

REGISTRATION OF WHOLESALE DEALERS IN MARGARINE

No. in the register 10

SECTION E.

PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES

PATHOLOGICAL EXAMINATIONS

	<i>Positive</i>	<i>Negative</i>	<i>Total</i>
Ear, Nose and Throat Swabs :			
Diphtheria Bacilli (K.L.B.)	—	14	14
Haemolytic Streptococci...	17	5	22
Staphylococcus Aureus ...	—	—	—
Vincent's Angina ...	—	14	14
Anthrax Bacilli ...	1	—	1
Sputum :			
Tubercle Bacilli ...	22	—	22
Faeces :			
For Occult Blood ...	—	—	—
For Dysentery Organisms and Diarrhoea ...	15	54	69
For Food Poisoning Organ- isms ...	38	27	65

DISINFECTION

The following are particulars of disinfection of rooms and bedding after infectious or other diseases :—

					<i>Rooms</i>	<i>Bedding</i>
Scarlet Fever	...	...	...	...	21	21
Tuberculosis	...	...	...	...	7	5
Cancer	...	...	...	...	2	4
Miscellaneous	...	...	...	...	2	2
					—	—
					32	32
					—	—

Library books have been disinfected and returned for circulation.

Several lots of bedding have been destroyed on requests from the owners. When necessary, disinfectant was supplied.

The following table shows the incidence of infectious disease in the six wards of the City.

				<i>St.</i>	<i>St.</i>		
	<i>Bartonsham</i>	<i>Central</i>	<i>Holmer</i>	<i>Martins</i>	<i>Nicholas</i>	<i>Tupsley</i>	<i>Total</i>
Scarlet Fever...	8	5	4	19	—	9	45
Pneumonia ...	2	1	2	1	—	1	7
Erysipelas ...	1	—	—	—	1	1	3
Measles ...	26	3	5	14	6	18	72
Whooping Cough	1	—	1	2	—	1	5
Food Poisoning	2	—	—	—	1	4	7
Diphtheria ...	—	—	—	—	—	—	—
Dysentery	3	—	—	—	—	—	3
Puerperal Pyrexia	1	1	1	—	—	—	3
Malaria ...	—	—	—	1	—	1	2
Poliomyelitis ...	—	—	—	—	1	1	2
Anthrax ...	—	1	—	—	—	—	1

TUBERCULOSIS

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations, 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

TUBERCULOSIS.
NEW CASES AND MORTALITY DURING 1952

Age Period	New				Deaths			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year ...	—	—	—	—	—	—	—	—
1—5 years ...	—	1	—	—	—	—	—	—
5—15 years ...	1	1	—	—	—	—	—	—
15—25 years ...	1	5	—	2	—	—	—	—
25—35 years ...	2	2	—	2	1	1	—	—
35—45 years ...	4	1	—	1	1	—	—	—
45—55 years ...	3	1	—	—	—	1	—	—
55—65 years ...	3	—	—	—	1	—	—	—
65 and upwards	—	—	—	—	2	—	—	—
Age unknown ...	—	—	—	—	—	—	—	—
Totals ...	14	11	—	5	5	2	—	—

PREVENTION OF BLINDNESS

No action has been taken under Section 176 of the Public Health Act, 1936.

OPHTHALMIA NEONATORUM

Cases			Vision Unimpaired	Vision Impaired	Total Blindness	Deaths
Notified	Treated					
	At Home	In Hospital				
—	—	—	—	—	—	—

SECTION F

NATIONAL ASSISTANCE ACT, 1948

Section 47

This section deals with aged and/or infirm persons living under unsatisfactory conditions.

Four cases were brought to notice during the year. In three cases improved conditions were obtained, by the assistance of relatives, the Home Help Scheme, or voluntary admission to hospital or a Part III Institution.

In one case recourse was made to the powers under the Act and a court order obtained for removal to The Priory, Leominster, for a period not exceeding three months.

NOTIFIABLE DISEASE (OTHER THAN TUBERCULOSIS) DURING 1952

[illegible]

AGES IN YEARS.

CAUSE OF DEATH	AGES IN YEARS.											TOTALS							
	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and up	M. F.	T'l.	
1. Respiratory Tuberculosis ...	—	—	—	—	—	—	—	—	3	—	—	1	—	2	—	—	4	2	6
2. Other forms of Tuberculosis ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	2
3. Syphilitic Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	—	—
4. Diphtheria ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Whooping Cough ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Meningococcal Infections ...	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	1	—	1
7. Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
8. Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1
9. Other infective and parasitic disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1
10. Malignant Neoplasm of Stomach ...	—	—	—	—	—	—	—	—	—	—	—	—	2	4	2	1	5	4	9
11. " " Lung, Bronchus ...	—	—	—	—	—	—	—	—	—	—	1	2	2	—	1	—	6	—	6
12. " " Breast ...	—	—	—	—	—	—	—	—	—	—	—	—	3	3	2	—	—	8	8
13. " " Uterus ...	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	—	—	3	3
14. Other Malignant and Lymphatic Neoplasm ...	—	—	—	—	—	—	1	1	2	2	2	5	4	7	9	3	14	20	34
15. Leukaemia, aleukaemia ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	1
16. Diabetes ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	1	2	2	4
17. Vascular lesions of nervous system ...	1	—	—	—	—	—	—	—	—	—	1	3	6	15	26	7	26	33	59
18. Coronary disease, angina ...	—	—	—	—	—	—	—	—	—	—	2	3	8	8	13	1	25	10	35
19. Hypertension with heart disease ...	—	—	—	—	—	—	—	—	—	—	—	—	5	3	3	4	8	7	15
20. Other heart disease ...	1	—	—	—	—	—	—	—	1	1	—	1	14	21	31	14	33	51	84
21. Other circulatory disease ...	—	—	—	—	—	—	—	—	—	—	—	3	—	6	3	5	10	7	17
22. Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	2	1	1	3	4
23. Pneumonia ...	4	—	—	—	—	—	—	—	—	—	—	4	5	6	4	1	17	7	24
24. Bronchitis ...	2	—	—	—	—	—	—	1	—	—	—	—	1	4	7	2	13	4	17
25. Other disease of respiratory system ...	—	—	1	—	—	—	—	—	—	—	—	—	—	1	4	—	5	1	6
26. Ulcer of stomach and duodenum ...	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	—	1	1	2
27. Gastritis, enteritis and Diarrhoea ...	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	1	—	1
28. Nephritis and Nephrosis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	1
29. Hyperplasia of Prostate ...	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	1	1	—	7
30. Pregnancy, Childbirth, Abortion ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31. Congenital Malformation ...	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	4
32. Other defined and ill-defined diseases ...	6	—	—	—	—	—	1	1	1	1	—	4	4	5	10	2	19	15	34
33. Motor vehicle accidents ...	—	—	—	—	—	—	1	—	—	—	—	—	—	—	1	—	2	—	2
34. All other accidents ...	—	—	—	—	—	—	—	—	—	—	2	—	2	1	2	—	3	3	6
35. Suicide ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	5
36. Homicide and operations of war ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
TOTALS ...	18	1	—	—	—	—	2	4	3	7	9	28	62	93	127	44	211	187	398

DEATHS OF INFANTS UNDER ONE YEAR OF AGE

CAUSE OF DEATH	AGE IN DAYS												AGE IN MONTHS												M.	F.	T'l.
	0	1	2	3	4	5	6	7	14	21	1	2	3	4	5	6	7	8	9	10	11	12					
Prematurity	2	1	—	2	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6		
Congenital Malformation ...	—	—	2	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	1	—	3	1	4		
Rickets	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Congenital Heart Disease ...	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	1	—	1		
Bronchitis and Broncho Pneumonia	—	1	—	—	—	—	—	—	1	—	—	1	2	1	—	—	—	—	—	—	—	—	3	3	6		
Marasmus	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Whooping Cough	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—		
Cerebral birth trauma ...	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1		
Total ...	2	2	3	2	1	—	—	1	1	—	1	2	1	—	—	—	—	—	—	—	1	—	12	6	18		

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